

# Oil Field Environmental Incident Summary

**Incident:** 20140520123932      **Date/Time of Notice:** 05/20/2014 12:39  
**Responsible Party:** Great Dane Trucking LLC  
**Well Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP  
**Well Name:** CCU POWELL 21-29TFH  
**Field Name:** CORRAL CREEK      **Well File #:** 22814  
**Date Incident:** 5/19/2014      **Time Incident:** 14:40      **Facility ID Number:**  
**County:** DUNN      **Twp:** 147      **Rng:** 95      **Sec:** 29      **Qtr:** NW NE  
**Location Description:** Conoco phillips site Powell 21-29 MBH/TFH

**Submitted By:** Alejandro Zambrano      **Received By:**  
**Contact Person:** Alejandro Zambrano  
PO BOX 51810  
MIDLAND, TX 79710-1810

**General Land Use:** Well/Facility Site      **Affected Medium:** Topsoil

**Distance Nearest Occupied Building:**

**Distance Nearest Water Well:**

**Type of Incident:** Tank Overflow

**Release Contained in Dike:** No

**Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	90	Barrels				
Other						

**Description of Other Released Contaminant:**

**Inspected:**      **Written Report Received:** 8/18/2016      **Clean Up Concluded:** 7/22/2014

**Risk Evaluation:**

No risk involved,

**Areal Extent:**

The spill did go off site but it was contained in the soil, and by man made berms

**Potential Environmental Impacts:**

There was an impact to the soil both on and off site, the soil will be removed by SM Fencing and replaced. We also built berms to prevent any further contamination from rain water (we did not have rain it was just a precaution) until the site was fully cleaned up. No surface water was impacted.

**Action Taken or Planned:**

The spill was contained by berms that we built until cleanup was complete. Cleanup is being performed by SM Fencing. SM Fencing will be digging up the contaminated soil (both on site and off site) and removing it. We will also do soil sampling to make sure that we recovered as much of the spill as possible.

**Wastes Disposal Location:** SM Fencing will be taking all of the Materials to Indian Hills for disposal

**Agencies Involved:****Updates**

**Date:** 5/21/2014    **Status:** Reviewed - Follow-up Required

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Release from a tank overflow appears to have flowed off the location. Report indicates quick response by the responsible party. Followup is necessary to ensure complete off-site cleanup.

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**Date:** 6/4/2014      **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

6/4/2014 at 11:11, on location. Met with personnel from company responsible for cleanup, as well as another company that had personnel on site at time of incident. Impacted area had been dug up along eastern side of well pad to 3 feet deep, and testing was performed every 5 feet along the spill flow path. Pictures were taken at time of incident by the other company personnel, so accurate locations of where impacts occurred could be determined. Spill went south from well pad, headed east along lease road within drainage ditch, travelled south under the lease road through a culvert, and headed south through vegetation before ultimately reaching a dry creek bed. However, heavy rainfall after the incident has complicated the cleanup. Three berms, constructed in case of rainfall, were all washed out due to intensity of the precipitation. A consulting company was hired to perform the testing, and personnel tested all the way to the creek bed. They only found one spot SE of the well pad that still showed high salt readings, and that location is being excavated. Testing was performed by NDDoH inspector to verify the rest of the impacted location. Adjacent to well pad, within the path of the heavy rainfall and the drainage of the hill slope, electrical conductivity was higher (4-6 mS) than background levels (1-2 mS) taken east of well pad along a bluff. However, these higher levels are detected even up drainage from where the spill occurred, so does not appear to be related to this incident. Down drainage where the spill occurred, away from the well pad, the electrical conductivity readings drop back to background levels. Vegetation near creek bed also shows background levels. Current work involves excavating the one spot with higher salt levels and filling in drainage ditch with dirt. Recommended erosion control to personnel on site due to obvious effect of rainfall on the previously constructed berms. According to the personnel, erosion control will be constructed. Additionally, some staining which smelled of oil was spotted in the ditch. This staining will also be removed according to the personnel on site performing the cleanup. NDDoH inspector will be notified once cleanup is complete.

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**Date:** 8/6/2014      **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

8/6/2014 at 11:46, on location. Impacted ditch on northeast and east side has been reseeded, and excavation noted in previous inspection has been filled in. Numerous erosion control wattles have been put in place to control the sediment eroded and coming from up drainage. Some grass is starting to grow in the ditch where the wattles can prevent sediment from covering the new growth. Electrical conductivity testing shows readings below actionable levels in ditch adjacent to pad. Further down drainage, more erosion control wattles are visible; oil staining noted before is now gone. Scoria berm has been removed. No impact is visible to vegetation beyond the sediment load.